📞 +1(818)-835-2515 HP Printer "Non-HP Chip Detected" – HP Dynamic Security Blocking Your Cartridge? Disable It via EWS! 📞 +1(818)-835-2515

What Does "Non-HP Chip Detected" Mean?

Has your HP printer suddenly stopped working with a frustrating "Non-HP Chip Detected" error? You're not alone. This message appears when your HP printer's firmware detects a cartridge that doesn't contain an original HP security chip. If you're using a third-party, refilled, or remanufactured cartridge, HP's Dynamic Security feature may block it. The good news? In many cases, you can disable HP Dynamic Security via EWS (Embedded Web Server) and get back to printing.

HP Dynamic Security: The Firmware Behind the Block

HP Dynamic Security is a firmware feature designed to block cartridges using non-HP chips or modified electronic circuitry. According to HP, its purpose is to "protect the printer and ensure the best customer experience". However, for many users, it simply means their perfectly good third-party cartridges stop working.

HP introduced Dynamic Security in 2016 and has expanded it with firmware updates ever since. As of January 2026, HP released firmware version 2602A/B, which extended Dynamic Security to even more printers. HP has stated that firmware updates may "prevent supplies with non-HP chips or circuitry from working now or in the future".

How to Disable HP Dynamic Security via EWS

If you're seeing the "Non-HP Chip Detected" error, disabling HP Dynamic Security via EWS may be your best solution. The Embedded Web Server is a built-in interface accessible through your web browser that lets you change printer settings. Here's how to disable HP Dynamic Security via EWS:

Step 1: Find Your Printer's IP Address

- On your printer's control panel, navigate to Settings or Network Settings
- Look for "View IP Address" or "Network Status"
- Write down the IP address (it looks like 192.168.1.100)

Step 2: Access the EWS Interface

- Open any web browser on a computer connected to the same network as your printer
- Type the printer's IP address into the address bar and press Enter
- This opens the HP Embedded Web Server (EWS)

Step 3: Navigate to Supply Settings

- Click on the Settings tab in the EWS
- Look for Supply Settings, Supplies Management, or Cartridge Protection
- This is where you can manage cartridge-related settings

Step 4: Disable Cartridge Protection and Policy

- Find the Cartridge Protection option and set it to Off
- Find Cartridge Policy and set it to Off or Disabled
- Click Apply or Save Settings to confirm your changes

Step 5: Restart Your Printer

- Turn your printer off and unplug it for 60 seconds
- Plug it back in and turn it on
- Try reinstalling your cartridge

Important Notes Before You Start

Not all printers can disable HP Dynamic Security via EWS. Disabling Cartridge Protection and Cartridge Policy does not always override Dynamic Security. These settings control different functions - Cartridge Protection prevents cartridges from being used in other printers, while Dynamic Security is a firmware feature that blocks non-HP chips.

For printers manufactured before December 1, 2016, HP has released firmware updates that remove Dynamic Security. For newer printers, disabling HP Dynamic Security via EWS may not be officially supported.

HP does not officially provide methods to bypass Dynamic Security. However, many users have successfully used the EWS method to disable HP Dynamic Security via EWS on compatible models.

Alternative Solutions

If you cannot disable HP Dynamic Security via EWS, consider these options:

1. Roll back firmware: Some users have downgraded their printer firmware to an earlier version that doesn't include Dynamic Security
2. Disable automatic firmware updates: Prevent future updates from re-blocking your cartridges
3. Use genuine HP cartridges: These always work and avoid the "Non-HP Chip Detected" error entirely
4. Contact your cartridge supplier: Reputable third-party vendors often offer updated cartridges compatible with current firmware

Why Does HP Use Dynamic Security?

HP claims Dynamic Security protects customers from counterfeit cartridges and maintains print quality. However, critics argue it restricts consumer choice and creates unnecessary waste. In fact, new global sustainability rules (EPEAT 2.0) explicitly forbid blocking remanufactured cartridges.

Final Thoughts

The "Non-HP Chip Detected" error can be incredibly frustrating, especially when you have perfectly good cartridges that won't work. Fortunately, disabling HP Dynamic Security via EWS offers a potential solution for many users. While not guaranteed to work on every printer model, it's worth trying before you give up on your third-party cartridges.

Remember, if you're struggling to disable HP Dynamic Security via EWS, professional help is available. Many users have successfully resolved this issue with expert assistance.

📞 Need help disabling HP Dynamic Security via EWS? Call +1(818)-835-2515 for expert support!

Don't let HP's Dynamic Security block your printing. Take control of your printer today by learning how to disable HP Dynamic Security via EWS. Your cartridges - and your wallet - will thank you.

Disclaimer: This article is for informational purposes only. Modifying printer settings may affect your warranty. Always check your printer model's compatibility before attempting to disable HP Dynamic Security via EWS.